LN

OIPE

2

ENTERED

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  4 <110> APPLICANT: Ma, D.
  5         Han, W.
  6         Zhang, Y.
  7         Song, Q.
  8         Di, C.
  9         Huang, J.
 10         Tang, J.
 11         Chen, G.
 13 <120> TITLE OF INVENTION: CHEMOKINE LIKE FACTOR(CKLF) WITH CHEMOTACTIC AND HEMATOPOIETIC
 14         STIMULATING ACTIVITIES
 16 <130> FILE REFERENCE: 10776-003-999
C--> 18 <140> CURRENT APPLICATION NUMBER: US/09/801,115
C--> 19 <141> CURRENT FILING DATE: 2001-03-07
 21 <150> PRIOR APPLICATION NUMBER: PCT/CN00/00026
 22 <151> PRIOR FILING DATE: 2000-02-15
 24 <150> PRIOR APPLICATION NUMBER: 99107284.7
 25 <151> PRIOR FILING DATE: 1999-05-14
 27 <160> NUMBER OF SEQ ID NOS: 8
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 534
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Homo sapiens
 34 <400> SEQUENCE: 1
 35   gttcccaatc tgaagtgaag ccgagctggg cgagaagtag gggagggcgg tgctccgccg 60
 36   cggtggcggt tgctatcgct tcgcagaacc tactcaggcag ccagctgag aagagttgag 120
 37   ggaaagtgct gctgctgggt ctgcagacgc gatggataac gtgcagccga aaataaaaca 180
 38   tcgccccttc tgcttcagtg tgaaaggcca cgtgaagatg ctgcggctgg atattatcaa 240
 39   ctcactggta acaacagtat tcatgctcat cgtatctgtg ttggcactga taccagaaac 300
 40   cacaacattg acagttggtg gaggggtgtt tgcacttgtg acagcagtat gctgtcttgc 360
 41   cacaacattg acagttggtg gaggggtgtt tgcacttgtg acagcagtat gctgtcttgc 360
 42   gcctgtgcat gaaaaaaaag aagtttgta atttatatt acttttagt ttgatactaa 480
 43   gtattaaaca tatttctgta ttcttccaaa aaaaaaaaaa aaaaaaaaaa aaaa 534
 46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 99
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Homo sapiens
 51 <400> SEQUENCE: 2
 52   Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser
 53   1                 5               10               15
 54   Val Lys Gly His Val Lys Met Leu Arg Leu Asp Ile Ile Asn Ser Leu
 55                 20               25               30
 56   Val Thr Thr Val Phe Met Leu Ile Val Ser Val Leu Ala Leu Ile Pro
 57                 35               40               45
 58   Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val Phe Ala Leu Val Thr
 59         50               55               60
 60   Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu
 61   65               70               75               80
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62    Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys
63                   85              90              95
64    Glu Val Leu
66 <210> SEQ ID NO: 3
67 <211> LENGTH: 459
68 <212> TYPE: DNA
69 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 3
73    atggataacg tgcagccgaa aataaaacat cgccccttct gcttcagtgt gaaaggccac 60
74    gtgaagatgc tgcggctggc actaactgtg acatctatga ccttttttat catcgcacaa 120
75    gcccctgaac catatatttgt tatcactgga tttgaagtca ccgttatctt atttttcata 180
76    cttttatatg tactcagact tgatcgatta atgaagtggt tattttggcc tttgcttgat 240
77    attatcaact cactggtaac aacagtattc atgctcatcg tatctgtgtt ggcactgata 300
78    ccagaaacca caacattgac agttggtgga ggggtgtttg cacttgtgac agcagtatgc 360
79    tgtcttgccg acggggccct tatttaccgg aagcttctgt tcaatcccag cggtccttac 420
80    cagaaaaagc ctgtgcatga aaaaaaagaa gttttgtaa                         459
82 <210> SEQ ID NO: 4
83 <211> LENGTH: 152
84 <212> TYPE: PRT
85 <213> ORGANISM: Homo sapiens
87 <400> SEQUENCE: 4
88    Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser
89    1               5               10              15
90    Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser
91                   20              25              30
92    Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile
93           35              40              45
94    Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val
95        50              55              60
96    Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Asp
97    65              70              75              80
98    Ile Ile Asn Ser Leu Val Thr Thr Val Phe Met Leu Ile Val Ser Val
99                   85              90              95
100   Leu Ala Leu Ile Pro Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val
101                  100             105             110
102   Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile
103          115             120             125
104   Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro
105       130             135             140
106   Val His Glu Lys Lys Glu Val Leu
107   145             150
109 <210> SEQ ID NO: 5
110 <211> LENGTH: 204
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 5
115   atggataacg tgcagccgaa aataaaacat cgccccttct gcttcagtgt gaaaggccac 60
116   gtgaagatgc tgcggctggt gtttgcactt gtgacagcag tatgctgtct tgccgacggg 120
117   gcccttattt accggaagct tctgttcaat cccagcggtc cttaccagaa aaagcctgtg 180
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/801,115

DATE: 03/24/2001
TIME: 16:28:46

Input Set : A:\10776003a.txt
Output Set: N:\CRF3\03242001\I801115.raw

204

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118    catgaaaaaa aagaagtttt gtaa
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 67
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123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 6
126    Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser
127    1                   5                   10                  15
128    Val Lys Gly His Val Lys Met Leu Arg Leu Val Phe Ala Leu Val Thr
129                        20                  25                  30
130    Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu
131                35                  40                  45
132    Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys
133            50                  55                  60
134    Glu Val Leu
135    65
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 363
139 <212> TYPE: DNA
140 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 7
143    atggataacg tgcagccgaa aataaaacat cgcccccttct gcttcagtgt gaaaggccac 60
144    gtgaagatgc tgcggctggc actaactgtg acatctatga cctttttttat catcgcacaa 120
145    gcccctgaac catatattgt tatcactgga tttgaagtca ccgttatctt atttttcata 180
146    ctttttatatg tactcagact tgatcgatta atgaagtggt tattttggcc tttgcttgtg 240
147    tttgcacttg tgacagcagt atgctgtctt gccgacgggg cccttattta ccggaagctt 300
148    ctgttcaatc ccagcggtcc ttaccagaaa aagcctgtgc atgaaaaaaa agaagtttttg 360
149    taa                                                                363
151 <210> SEQ ID NO: 8
152 <211> LENGTH: 120
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 8
157    Met Asp Asn Val Gln Pro Lys Ile Lys His Arg Pro Phe Cys Phe Ser
158    1                   5                   10                  15
159    Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser
160                        20                  25                  30
161    Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile
162                35                  40                  45
163    Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val
164            50                  55                  60
165    Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Val
166    65                  70                  75                  80
167    Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile
168                        85                  90                  95
169    Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro
170                        100                 105                 110
171    Val His Glu Lys Lys Glu Val Leu
172                115                 120
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3/24/01

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/801,115

DATE: 03/24/2001
TIME: 16:28:47

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Output Set: N:\CRF3\03242001\I801115.raw

L:18 M:270 C: Current Application Number differs, Replaced Application Number
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date